

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

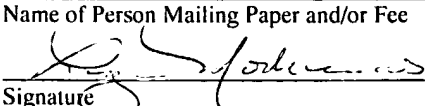
Applicant(s): <b>RAJARAM, Gowri</b>	Group Art Unit: <b>2122</b>
App. No.: <b>09/970,188</b>	Examiner: <b>VO, Ted T.</b>
Filed: <b>October 3, 2001</b>	Conf. No.: <b>9788</b>
Title: <b>SYSTEM AND METHOD FOR FIELD DIAGNOSIS OF WIRELESS COMMUNICATIONS DEVICE SYSTEM SOFTWARE</b>	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT COVER LETTER**

Dear Sir/Madam:

In accordance with 37 C.F.R. 1.56 and 1.97, Applicant hereby discloses to the Patent Office patents, publications or other information of which Applicant is aware. Copies of the foreign patent documents and non-patent literature documents, along with Forms PTO/SB/08a, is submitted herewith (if applicable).

<b><u>CERTIFICATE OF MAILING</u></b>
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
Date of Deposit: <u>DECEMBER 13, 2004</u>
<b>Lynn Morkunas</b>
Name of Person Mailing Paper and/or Fee
 Signature

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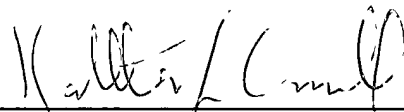
The items identified in this Information Disclosure Statement may or may not be "material" as defined in 37 C.F.R. 1.56; and the submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to is material or considered to be material (37 C.F.R. 1.97(h)), or even qualifies as "prior art" under 35 U.S.C. 102 with respect to the present invention unless specifically designated by Applicant as such. Identification of any reference or patent herein is not an admission, nor is it to be construed as an admission, that it was invented prior to the invention disclosed herein.

The filing of this Information Disclosure Statement is not to be construed to mean that a search has been made or that no other material information, as defined in 37 C.F.R. 1.56, exists.

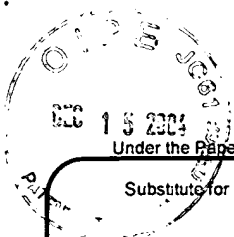
In accordance with 37 C.F.R. 1.97(c)(2), a credit card payment in the amount of \$180.00 is enclosed to cover the Information Disclosure Statement fee set forth under 37 C.F.R. 1.17(p).

Respectfully submitted,

Dated: 12/13/2001

By:   
Kathleen Connell  
Attorney for Applicant  
Reg. No.: 45,344

Kathleen Connell  
KYOCERA WIRELESS CORP.  
Attn: Patent Department  
P.O. Box 928289  
San Diego, California 92192-8289  
Direct Dial: (858) 882-2169  
Direct Fax: (858) 882-2485



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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	09/970,188
Filing Date	October 3, 2001
First Named Inventor	RAJARAM, Gowri
Art Unit	2122
Examiner Name	VO, Ted T.
Attorney Docket Number	UTL 00143

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US- 5,046,082	09/03/1991	ZICKER et al.	
	2	US- 5,337,255 A	08/09/1994	SEIDEL et al.	
	3	US- 5,400,389	03/21/1995	NIYAMA et al.	
	4	US- 5,481,706 A	01/02/1996	PEEK, Jeffrey S.	
	5	US- 5,507,009	04/09/1996	GRUBE et al.	
	6	US- 5,600,823 A	02/04/1997	SHERER et al.	
	7	US- 5,699,275	12/16/1997	BEASLEY et al.	
	8	US- 5,790,856	08/04/1998	LILLICH, Alan W.	
	9	US- 5,930,704	07/27/1999	KAY, David L.	
	10	US- 6,023,620 A	02/08/2000	HANSSON, Lars	
	11	US- 6,138,009	10/24/2000	BIRGERSON, Joakim	
	12	US- 6,272,333	08/07/2001	SMITH, Dwight R.	
	13	US- 2001/0051519	12/13/2001	SHIRAI, Kouji	
	14	US- 6,442,660	08/27/2002	HENERIAU et al.	
	15	US- 6,457,174 B1	09/24/2002	KURODA et al.	
	16	US- 6,498,789 B1	12/24/2002	HONDA, Shoichiro	
	17	US- 2003-0060189 A1	03/27/2003	MINEAR et al.	
	18	US- 6,549,770	04/15/2003	MARRAN, Nadine	
	19	US- 6,643,506	11/04/2003	CRISS et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

Application Number	09/970,188
Filing Date	October 3, 2001
First Named Inventor	RAJARAM, Gowri
Art Unit	2122
Examiner Name	VO, Ted T.
Attorney Docket Number	UTL 00143

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	20	US- 6,754,894 B1	06/22/2004	COSTELLO et al.	
	21	US- 2002/0065041 A1	05/30/2002	LUNSFORD et al.	
	22	US- 2002/0026634	02/28/2002	SHAW, Robert	
	23	US- 6,018,543 A	01/25/2000	BLOIS, et al.	
	24	US- 5,974,312 A	10/26/1999	HAYES et al.	
	25	US- 5,960,356 A	09/28/1999	ALPEROVICH et al.	
	26	US- 5,920,826 A	07/06/1999	METSO et al.	
	27	US- 6,622,017 B1	09/16/2003	HOFFMAN, Ted L.	
	28	US- 6,633,759 B1	10/14/2003	KOBAYASHI, Koichi	
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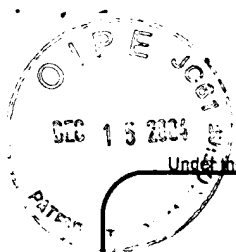
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	Date Considered
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/970,188	
	Filing Date	October 3, 2001	
	First Named Inventor	RAJARAM, Gowri	
	Art Unit	2122	
	Examiner Name	VO, Ted T.	
Total Number of Pages in This Submission	8	Attorney Docket Number	UTL 00143

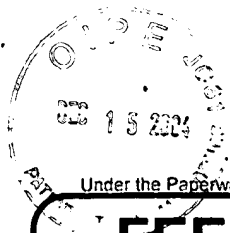
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	IDS Cover Letter; Credit Card Payment Form and Return Receipt Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Kathleen Connell, Reg. No. 45,344 KYOCERA WIRELESS CORP.
Signature	
Date	12/13/2004

CERTIFICATE OF TRANSMISSION/MAILING	
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Typed or printed name	Lynn Morkunas
Signature	
Date	DEC. 13, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

**Complete if Known**

Application Number	09/970,188
Filing Date	October 3, 2001
First Named Inventor	RAJARAM, Gowri
Examiner Name	VO, Ted T.
Art Unit	2122
Attorney Docket No.	UTL 00143

**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

50-3001

KYOCERA WIRELESS CORP.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)				(\$)	0.00

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims		Fee from below		Fee Paid
Total Claims		-20** =		X		
Independent Claims		-3** =		X		
Multiple Dependent						

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Kathleen Connell	Registration No. (Attorney/Agent)	45,344	Telephone	858-882-2169
Signature		Date	10/15/2004		

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